

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76)**

Electronic Version v11

Stylesheet Version v10

<b>Title of Invention</b>	FLOWMETER												
<p>As the below named inventors, we declare that:</p> <p>This declaration is directed to the invention titled: " FLOWMETER"</p> <p>We believe that we are the original and first inventors of the subject matter which is claimed and for which a patent is sought;</p> <p>We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;</p> <p>We acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.</p> <p>All statements made herein of own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.</p>													
<p><b>FULL NAME OF INVENTORS:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%; padding: 5px;">Inventor 1: Yasuhiro UMEKAGE</td><td style="width: 50%; padding: 5px;">Inventor</td></tr><tr><td style="padding: 5px;">Signature : /YU</td><td style="padding: 5px;">Citizen of : JP</td></tr><tr><td style="padding: 5px;">Inventor 2: Yukio NAGAOKA</td><td style="padding: 5px;">Inventor</td></tr><tr><td style="padding: 5px;">Signature : /YN</td><td style="padding: 5px;">Citizen of : JP</td></tr><tr><td style="padding: 5px;">Inventor 3: Osamu EGUCHI</td><td style="padding: 5px;">Inventor</td></tr><tr><td style="padding: 5px;">Signature : /OE</td><td style="padding: 5px;">Citizen of : JP</td></tr></table>		Inventor 1: Yasuhiro UMEKAGE	Inventor	Signature : /YU	Citizen of : JP	Inventor 2: Yukio NAGAOKA	Inventor	Signature : /YN	Citizen of : JP	Inventor 3: Osamu EGUCHI	Inventor	Signature : /OE	Citizen of : JP
Inventor 1: Yasuhiro UMEKAGE	Inventor												
Signature : /YU	Citizen of : JP												
Inventor 2: Yukio NAGAOKA	Inventor												
Signature : /YN	Citizen of : JP												
Inventor 3: Osamu EGUCHI	Inventor												
Signature : /OE	Citizen of : JP												

Inventor 4: Shuji ABE	Inventor
Signature : /SA	Citizen of : JP
Inventor 5: Yuji NAKABAYASHI	Inventor
Signature : /YN	Citizen of : JP
Inventor 6: Kenzo OHJI	Inventor
Signature : /KO	Citizen of : JP
Inventor 7: Fumikazu SHIBA	Inventor
Signature : /FS	Citizen of : JP
Inventor 8: Akihisa ADACHI	Inventor
Signature : /AA	Citizen of : JP
Inventor 9: Masahiko HASHIMOTO	Inventor
Signature : /MH	Citizen of : JP
Inventor 10: Toshiharu SATO	Inventor
Signature : /TS	Citizen of : JP
Inventor 11: Yuji FUJII	Inventor
Signature : /YF	Citizen of : JP

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12/97)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)	<b>Attorney Docket Number</b>	29288.4600
	<b>First Named Inventor</b>	Yasuhiro UMEKAGE
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	10/019,418
	<b>Filing Date</b>	December 21, 2001
	<b>Group Art Unit</b>	To be assigned
	<b>Examiner Name</b>	To be assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FLOWMETER

the specification of which

(Title of the invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

06/23/2000

as United States Application Number or PCT International

Application Number PCT/JP00/04165 and was amended on (MM/DD/YYYY) 06/08/2001 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above:

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
11-177952	Japan	06/24/1999	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11-182995	Japan	06/29/1999	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2000-34677	Japan	02/14/2000	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11-106246	Japan	04/14/1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

☒ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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## DECLARATION ---- Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transmit all business in the Patent and Trademark Office connected therewith: ☒ Customer Number 20322 ☐ OR ☐ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label 20322 OR ☐ Correspondence address below

Name	Michael K. Kelly				
Address	SNELL & WILMER, LLP				
Address	One Arizona Center, 400 E. Van Buren Street				
City	Phoenix	State	AZ	ZIP	85004-2202
Country	USA	Telephone	602-382-6291	Fax	602-382-6070

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	Family Name or Surname
Yasuhiro	UMEKAGE

Inventor's Signature	<i>Yasuhiro Umekage</i>	Date	12/18/01
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Residence: City	Kurita-gun	State	Shiga	Country	Japan	Citizenship	Japan
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Post Office Address	525, Ryosenji, Rittocho, Kurita-gun, Shiga Japan
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Post Office Address							
City	Kurita-gun	State	Shiga	ZIP	520-3035	Country	Japan

☒ Additional inventors are being named on the 4 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page <u>1</u> of <u>4</u>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<b>Yukio</b>		<b>NAGAOKA</b>	
Inventor's Signature <i>Yukio Nagaoka</i>		Date <i>12/18/01</i>	
Residence: City <b>Soraku-gun</b>	State <b>Kyoto</b>	Country <b>Japan</b>	Citizenship <b>Japan</b>
Mailing Address <b>5-20-25, Saganakada1, Kizucho, Soraku-gun, Kyoto Japan</b>			
Mailing Address			
City <b>Soraku-gun</b>	State <b>Kyoto</b>	ZIP <b>619-0223</b>	Country <b>Japan</b>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<b>Osamu</b>		<b>EGUCHI</b>	
Inventor's Signature <i>Osamu Eguchi</i>		Date <i>12/18/01</i>	
Residence: City <b>Kitakatsuragi-gun</b>	State <b>Nara</b>	Country <b>Japan</b>	Citizenship <b>Japan</b>
Mailing Address <b>2-5-6, Kumigaoka, Kawaicho, Kitakatsuragi-gun,</b>			
Mailing Address <b>Nara Japan</b>			
City <b>Kitakatsuragi-gun</b>	State <b>Nara</b>	ZIP <b>636-0063</b>	Country <b>Japan</b>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<b>Shuji</b>		<b>ABE</b>	
Inventor's Signature <i>Shuji Ake</i>		Date <i>12/18/01</i>	
Residence: City <b>Nara</b>	State <b>Nara</b>	Country <b>Japan</b>	Citizenship <b>Japan</b>
Mailing Address <b>21-37-201, Tezukayama 2-chome, Nara-shi, Nara Japan</b>			
Mailing Address			
City <b>Nara</b>	State <b>Nara</b>	ZIP <b>631-0062</b>	Country <b>Japan</b>

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page <u>2</u> of <u>4</u>
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Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yuji		NAKABAYASHI	
Inventor's Signature <i>Yuji Nakabayashi</i>		Date <i>12/18/01</i>	
Residence: City <b>Nara</b>	State <b>Nara</b>	Country <b>Japan</b>	Citizenship <b>Japan</b>
Mailing Address <b>A-222, 1-4, Horai, Nara-shi, Nara Japan</b>			
Mailing Address			
City <b>Nara</b>	State <b>Nara</b>	ZIP <b>631-0845</b>	Country <b>Japan</b>
Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kenzo		OHJI	
Inventor's Signature <i>Kenzo Ohji</i>		Date <i>12/18/01</i>	
Residence: City <b>Ikoma</b>	State <b>Nara</b>	Country <b>Japan</b>	Citizenship <b>Japan</b>
Mailing Address <b>1-680-72, Satsukidai, Ikoma-shi, Nara Japan</b>			
Mailing Address			
City <b>Ikoma</b>	State <b>Nara</b>	ZIP <b>630-0221</b>	Country <b>Japan</b>
Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Fumikazu		SHIBA	
Inventor's Signature <i>Fumikazu Shiba</i>		Date <i>12/18/01</i>	
Residence: City <b>Nara</b>	State <b>Nara</b>	Country <b>Japan</b>	Citizenship <b>Japan</b>
Mailing Address <b>2-3-7-204, Omiyacho, Nara-shi, Nara Japan</b>			
Mailing Address			
City <b>Nara</b>	State <b>Nara</b>	ZIP <b>630-8115</b>	Country <b>Japan</b>

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page <u>3</u> of <u>4</u>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Akihisa		ADACHI	
Inventor's Signature <i>Akihisa Adachi</i>		Date <i>12/19/01</i>	
Residence: City	Kawasaki	State	Kanagawa
		Country	Japan
Citizenship	Japan		
Mailing Address <i>5-40-1-306, Kamiasao, Asao-ku, Kawasaki-shi,</i>			
Mailing Address <i>Kanagawa Japan</i>			
City	Kawasaki	State	Kanagawa
		ZIP	215-0021
		Country	Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Masahiko		HASHIMOTO	
Inventor's Signature <i>Masahiko Hashimoto</i>		Date <i>12/20/01</i>	
Residence: City	Ota-ku	State	Tokyo
		Country	Japan
Citizenship	Japan		
Mailing Address <i>2-3-16-311, Ishikawacho, Ota-ku, Tokyo Japan</i>			
Mailing Address			
City	Ota-ku	State	Tokyo
		ZIP	145-0016
		Country	Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Toshiharu		SATO	
Inventor's Signature <i>Toshiharu Sato</i>		Date <i>12/25/01</i>	
Residence: City	Kawasaki	State	Kanagawa
		Country	Japan
Citizenship	Japan		
Mailing Address <i>4-8-7-203, Minamiikuta, Tama-ku, Kawasaki-shi,</i>			
Mailing Address <i>Kanagawa Japan</i>			
City	Kawasaki	State	Kanagawa
		ZIP	214-0036
		Country	Japan

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yuji		FUJII	
Inventor's Signature <i>Yuji Fujii</i>		Date <i>12/19/01</i>	
Residence: City	Ikoma	State	Nara
		Country	Japan
Mailing Address 879-14, Tsujimachi, Ikoma-shi, Nara Japan			
Mailing Address			
City	Ikoma	State	Nara
		ZIP	630-0212
		Country	Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
Mailing Address			
Mailing Address			
City		State	
		ZIP	
		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
Mailing Address			
Mailing Address			
City		State	
		ZIP	
		Country	

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